

AMENDMENTS TO THE CLAIMS

Please amend claims 4-6.

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A flexible garment system which is capable of emitting heat when an electrical current is applied, comprising an electrically insulating fibre base structure with an electrically and thermally conductive area and at least two power supply lines, all of which are incorporated during the textile manufacture stage.

2. (Original) A garment as described in claim 1 where the electrically insulating base structure is woven, knitted or non-woven fabric made of natural, regenerated or synthetic fibres.

3. (Original) A garment as described in claim 1 where the electrically and thermally conductive area may be a woven, knitted or non-woven fabric made of one of the following fibres:

- a.) Metal fibres
- b.) Carbon fibres
- c.) Metallised polymer fibres
- d.) Conductive polymer coated fibres
- e.) Conductive polymer fibres
- f.) or from a combination of these materials.

4. (Currently Amended) A garment as described in claim 1 wherein the electrically and thermally conductive area ~~is made of fibres as described in claim 3~~ comprises a woven, knitted or non-woven fabric made of fibres selected from the group consisting of metal fibres, carbon fibres, metallised polymer fibres, conductive polymer coated fibres, conductive polymer fibres and a combination thereof, blended with fibres as described in claim 2a woven, knitted or non-woven fabric made of natural, regenerated or synthetic fibres.

5. (Currently Amended) A garment as described in ~~any preceding~~ claim 1 that is power by connection to a self-contained power supply.

6. (Currently Amended) A garment according to ~~any preceding~~ claim 1 which has a further base structure with a thermally conductive area applied to thus form a more advanced garment system.